Supplementary Note

HiCoS - High concentration screening **HiCoS Libary** FBS - Fragment based screening ~ 73,000 compounds DSF – Differential scranning fluorimetry SPR - Surface plasmon resonance MST – Microscale thermophoresis Virtual screening Generic FBS Library ~ 200 compounds \sim 1700 compounds DSF **SPR** DSF **SPR MST** 23 validated hits 77 validated hits Structure based-design BI-7271 BI-7273 BI-7189